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ATTY, DOCKET NO. SERIAL NO. SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE 10/618,986 PATENT AND TRADEMARK OFFICE MELV/02CT INFORMATION DISCLOSURE **APPLICANT** STATEMENT BY APPLICANT David Boyd Melvin FILING DATE **GROUP** (Use several sheets if necessary) 3738 July 14, 2003 U.S. PATENT DOCUMENTS ISSUE EXAMINER SUBCLASS **CLASS** PATENT NUMBER **PATENTEE** INITIAL DATE 3/1958 2 8 2 6 9 Vineberg A.A 3 0 5 2 9 9/1962 Smith 3 3 4 A.B 5 2 9 7/1969 Anstadt A.C 3 4 5 8 5 3 8 3 5/1970 Sausse A.D 3 6

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	A.M	EP 119,357	9/1984	EPO			
	A.N	SU 1191-076-A	11/1985	Soviet Union			
	A.O	WO 00/O6026	2/2000	PCT			
1	A.P	WO 00/47270	08/17/00	PCT			
V	A.Q	WO 00/O627	2/2000	PCT			

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W	C	A.R	Melvin, D.V.; Conkle, D.; Roberts, A; Stinson, E.;, "Cardiac Performance and Myocardial Contractility After Experimental Mechanical Ventricular Assistance", J. Thoracic and Cardiovascular Surgery Vol. 65, No. 6, June 1973.
		A.S	Melvin, D.B., "Cardiovascular Surgery: Myocardial Preservation, Cardiorespiratory Support I,", American Heart Assoc. Abstract, Circulation Part II, Vol. 68, No. 4; Scientific Sessions for Nurses; 37th Ann. Meeting; Nov. 14-17, 1983.
V		A.T	Melvin, D.; Schima, H.; Losert, U.; Wolner, E., "Long-Term Ventricular Wall Actuation: Can and Should it be Systematically Explored?", Artificial Organs, Vol. 20, No. 1, 1996.

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U.S. DEPARTMENT OF COMMERCE ATTY, DOCKET NO. SUBSTITUTE FORM PTO-1449 SERIAL NO. PATENT AND TRADEMARK OFFICE MELV/02CT 10/618,986 (MODIFIED) INFORMATION DISCLOSURE **APPLICANT David Boyd Melvin** STATEMENT BY APPLICANT NOV 2 0 2003 (Use several sheets if necessary) **FILING DATE GROUP** July 14, 2003 3738 (37 CFR 1.98(b)) U.S. PARENT DOCUMENTS FILING DATE ISSUE **EXAMINER SUBCLASS** IF APPROPRIATE CLASS PATENT NUMBER **PATENTEE** INITIAL DATE 2 9 3/1980 2 Asrican B.A 9 3 9 8/1985 Parravicini 5 6 8 3 **B.B** 3 6 11/1986 Sharma B.C 4 6 2 1 0 3 9/1987 **Snyders** B.D 6 Q 4 3/1989 8 0 6 7 6 Freeman B.E Я 7/1989 Skillin B.F 8 6 8 3 B.G 4 9 0 2 5 5 2/1990 Chareire et al. 8 5 6/1990 Kulik B.H 9 3 6 9 4 9/1990 Lundback **B.**I 5 5 0 9 8 4 3 5/1992 Melvin et al. 6/1992 B.K 5 9 8 0 4 Anstadt FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS **TRANSLATION** DOCUMENT **PUBLICATION** COUNTRY OR PATENT OFFICE CLASS **SUBCLASS** (YES/NO) NUMBER DATE WO 00/O6028 2/2000 PCT B.L WO 00/16700 3/2000 PCT B.M B.N WO 00/O2500 1/2000 PCT WO 01/95832 12/20/01 **PCT** 8.0 WO 01/95831 12/20/01 PCT B.P B.Q WO 01/85061 11/15/01 **PCT** OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication) Melvin, D.B., et al., "A Physical Analog of the Failing Left Ventricle for In Vitro Studies of Mechanical Wall Actuation", B.R Artificial Organs, Vol. 20, No. 3, 1996. Melvin, D.B. et al., <u>"Reduction of Ventricular Wall Tensile Stress by Geometric Remodeling Device"</u>, ASAIO Journal (Abstract), Vol. 45, No. 2 pg. 166, March 17, 1999. B.S Melvin, D.B. et al., "Reduction of Ventricular Wall Tensile Stress by Geometric Remodeling Device", ASAIO Annual Meeting B.T (Poster), June 1999. DATE CONSIDERED **EXAMINER** EXAMINER: Initial if citation considered whether or poly in conformance. Draw line through citation only if not in conformance and not considered.

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Substitute Disclosure Form (PTO-1449)

Sheet 2 (B) of 8

Sheet 3 (C) of 8 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. SERIAL NO. SUBSTITUTE FORM PTO-1449 PATENT AND TRADEWARE OFFICE MELV/02CT 10/618,986 (MODIFIED) APPLICANT INFORMATION DISCLOSURE STATEMENT BY APPLICANT David Boyd Melvin MOV 2 0 2003 GROUP **FILING DATE** (Use several sheets if necessary) 3738 (37 CFR 1.98(b)) July 14, 2003 U.S. PATENTE DOCUMENTS FILING DATE ISSUE **EXAMINER** IF APPROPRIATE **SUBCLASS** INITIAL PATENT NUMBER DATE **PATENTEE** CLASS 9 0 7/1992 C.A 5 3 1 5 Grooters 8/1992 C.B 5 9 5 3 Corral 12/1992 C.C 5 6 9 3 8 **Snyders** 2 3 3/1993 Daskalakis C.D 5 9 1 4 4/1993 C.E 5 2 0 8 8 0 Wright et al. 1 10/1993 C.F 5 2 5 6 1 3 2 **Snyders** C.G 5 2 5 8 0 2 11/1993 Duran C.H 5 3 3 4 2 1 8/1994 Das C.I 5 3 4 5 9 4 9 9/1994 Shlain C.J 5 3 5 8 5 9 10/1994 Grandjean 12/1994 6 8 5 C.K 5 3 0 Stevens FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS TRANSLATION DOCUMENT **PUBLICATION COUNTRY OR** PATENT OFFICE CLASS SUBCLASS (YES/NO) NUMBER DATE C.L WO 01/95830 12/20/01 PCT 4/2001 PCT C.M WO 01/28455 7/1998 PCT C.N WO 98/29041 PCT C.O WO 99/30647 6/1999 C.P WO 99/53977 10/99 PCT C.Q OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication) Melvin, D.B., "Device-Induced Ventricular Geometric Remodeling: Appraisal of Critical Issues", J. of Cardiac Surgery CR (Accepted for publication), Presented at the 3rd Symposium of the Soc. of Cardiac Volume Reduction, April 9, 2000 in Osaka, Japan. U.S. Patent Application Publication No. 2001/0016675, Mortier et al.; Stress Reduction Apparatus and Method, August 23, C.S 2001 U.S. Patent Application Publication No. 2001/0047122, Vanden Hoek et al.; Delivery of Cardiac Constraint Jacket, C.T published November 29, 2001 **EXAMINER** DATE CONSIDERED EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered.

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Sheet 8 (H) of 8



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

Heart Wall Actuation Device for the Natural Heart

Application Number:

10/618986

Confirmation Number:

5972

First Named Applicant:

David Melvin Attorney Docket Number: MELV-02CT

Art Unit:

3738

Examiner:

Urmi Chattopadhyay

Search string:

(6375611).pn.

Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
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Signature

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